



THE ECHOSEC SYSTEMS PLATFORM

DETECT THREATS FASTER.
PROTECT YOUR ORGANIZATION.

WHAT IS THE ECHOSEC SYSTEMS PLATFORM?

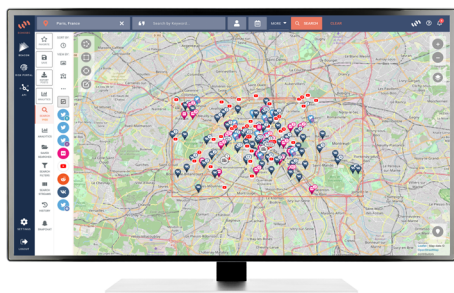
The Echosec Systems Platform is a commercially available threat intelligence solution used by corporate security teams, the public sector, and intelligence organizations.

The Platform aggregates, filters, and visualizes public content across the surface, deep, and dark web—and uses machine learning capabilities to automatically categorize threats. Users can detect and monitor risks online quickly to keep people and assets safe.



ONE PLATFORM, THREE VIEWS INTO THE THREAT LANDSCAPE

The Echosec Systems Platform operates within a standard web browser and includes three distinct views for different intelligence cycle stages.



THE ECHOSEC VIEW

Gathers and maps data from social media sites, blogs, news, and forums. Keyword filters and image recognition allow you to reduce noise and zero in on threats.



THE RISK PORTAL VIEW

Persistently monitors your digital assets across surface, deep, and dark web sites. The risk portal allows you to input and track the safety of your digital assets in real-time.



THE BEACON VIEW

Allows you to search and identify content from a variety of hidden, unindexed web sources such as dark web marketplaces, paste sites, illicit forums, data breach repositories, and messaging apps.

WHAT WILL THE PLATFORM DO FOR YOU?

In just a few clicks, the Platform can uncover major security threats and intelligence such as:

- Data breaches and breach indicators
- Counterfeit documents and currencies
- Trafficking of illegal goods and services
- Financial fraud
- Targeted brand threats
- Extremist networks and chatter

Get a single point of access to billions of new data points every day. Advanced filtering and machine learning functionality enables users to investigate online spaces and identify threats faster, zeroing in only on data that matters.

The Platform's unique breadth of data sources also means that your team has access to insights that may be overlooked by analyzing feeds in separate tools rather than in concert.

EACH MONTH, THE PLATFORM GATHERS

2 MILLION PASTE POSTS

20 MILLION DARK WEB POSTS

300 MILLION DISCUSSION POSTS



WHO USES THE ECHOSEC SYSTEMS PLATFORM?



GOVERNMENT SECURITY

Border control, defense analysts, intelligence agencies, and counter-terror organizations use the Platform to investigate crime, extremist networks, and monitor global trends.



CORPORATE SECURITY

Security and corporate risk teams use the Platform to improve their digital risk protection strategy. This means tracking targeted threats to their brand, people, and assets, locating early breach indicators and cyberattacks, and staying ahead of industry-wide risks.

HOW DOES IT WORK?

The Echosec Systems Platform's intuitive interface allows you to cut through the noise and uncover key data in three simple steps.

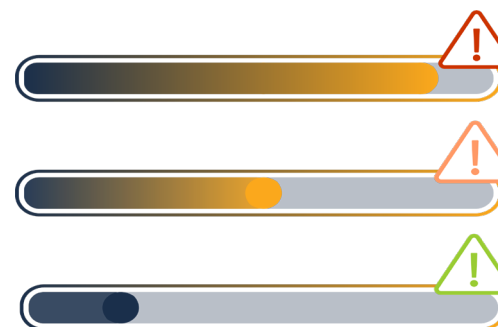
1. GATHER

Use the Platform's quick search functionalities to access thousands of data sources in seconds. Advanced filters and automated threat tagging help you identify relevant posts faster.



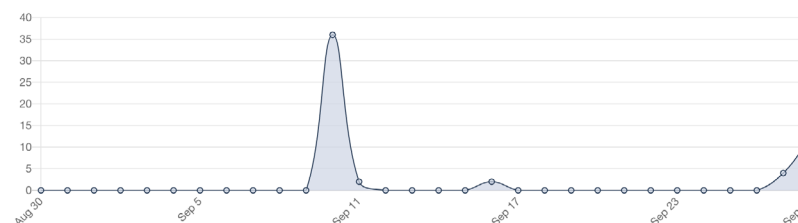
2. MONITOR

Monitor specific content types in real-time through saved searches, which allow both text and object detection queries. Input your digital assets into the Platform's Risk Portal to monitor for targeted threats to your organization 24/7.



3. ANALYZE

Examine key visuals within the Platform, such as results mapped by threat type or volume over time. Users can also save time on analysis through the Platform's machine learning threat classifiers, and export post data for further analysis in tools like Maltego.



KEY FUNCTIONALITY AND BENEFITS

MACHINE LEARNING

The Platform's multilingual threat tagging system automatically categorizes and ranks posts in eight threat categories including PII, data disclosure, and identity hate.

DATA SOURCE DIVERSITY

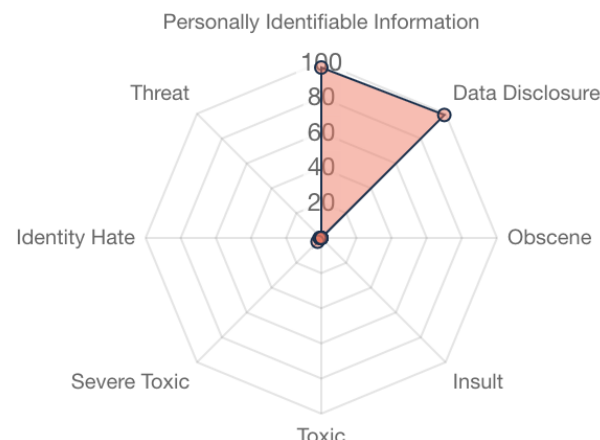
Access the widest range of online data sources available in one interface—from mainstream social media to obscure social sites, imageboards, messaging apps, breached data repositories, and dark web forums and marketplaces. Echosec Systems gathers billions of new posts across the internet every day.

ADVANCED FILTERING

The Platform's intuitive interface makes it easy to get up and running quickly for any use case. Choose from 11 advanced search filters, including category, language, and site type, to isolate key information.

ALERTING

Stay alerted to critical content by setting notifications for saved searches and risk portal parameters. Notifications can be delivered at one minute to one week intervals to any email address or alternative webhook destination.



📍 LONDON, UK

EMAIL [?]
FREQUENCY

EMAIL [?]
DIGEST

EMAIL/WEBHOOK [?]
DESTINATIONS

SUMMARY

One email will be delivered containing a summary of all filter results.

Off ▼

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ENTITY EXTRACTION AND PIVOTING

The Platform automatically highlights and separates pertinent entities and other metadata in results—like IP addresses, URLs, and other PII—and allows users to pivot off those entities to launch a new search.

SAVED SEARCHES

Save your quick searches to monitor for specific content categories and other search parameters. Narrow results down further using pre-built or custom keyword and object detection filters—including filters for violent crime, extreme weather, positive and negative sentiment, and hacking.

TRANSLATION

Translate search results in the Platform to and from any of the 109 languages available in Google Translate. The Platform understands and recognizes characters in any language.

FLAGGING AND EXPORTING

Flag posts of interest for further analysis or export as a CSV for use in external tools like Maltego. Users can also export all results in bulk.

ANALYTICS

Access high-level analytics and visualization on quick searches and risk portal matches, including match volumes over time, threat distribution graphs, word clouds, and top hashtags and authors.

GEO SEARCH

Access real-time situational intelligence by entering a location or drawing a geofence to discover public social media content by location.

COMPLIANCE

Echosec Systems prides itself on providing advanced data discovery tools while remaining leaders in data privacy and compliance. Avoid service disruptions and rest assured that you're using a tool that complies with data providers' Terms of Service agreements and regional laws like the GDPR.



DATA SOURCES

DARK WEB

Including TOR websites like marketplaces and forums, and hidden networks like I2P

DEEP WEB

Unindexed websites including classifieds and forums, and public chat applications like Telegram and Discord

DOCUMENTS

Common paste sites on the deep and dark web which are widely used for data leaks and other nefarious activity

BREACHES

A growing, publicly-available repository of over 10 billion breached data records

SOCIAL MEDIA

Mainstream social media platforms as well as fringe networks on the deep and dark web, including imageboards like 8kun and decentralized networks like Gab

NEWS AND BLOGS

A variety of surface web news and blog sources in any language

Our data sources are continuously expanding. For a complete list of current data sources, please contact our sales team.



For more information or to book a demo, contact
sales@echosec.net

For media inquiries, contact
ariel@echosec.net

echosec.net